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due to two causes; the reduction of the selling rate of the grass to the Health Department from 8 to 7 annas, by which I calculate a sum of about 800 roubles has been lost to the farm, and also the injurious effect on the crops on the low-lying ground of last year's monsoon, which could not be anticipated. However, the solvency of the farm continues to be satisfactory, and there is, I believe, a sum of 5,095 roubles to the credit of it. As regards further details of the expenditure and receipts over a period of several years, Mr. Waite, who has analysed the accounts, will give the committee further detailed information.

On an average  $5\frac{1}{2}$  acres of land have been under continuous cultivation. The outturn from the above acreage has been 12,629 maunds of Kurwi and Jowar, 2,588 maunds of Guinea grass, 8 maunds of Lucerne grass, 119 maunds of vegetables, and 9,275 plantains, which latter were distributed to the patients. This gives a total outturn of nearly 200 tons on the  $5\frac{1}{2}$  acres, or about 36 tons per acre—a very satisfactory result, and, so far as I am aware, it is unique. It will now be necessary again to grow a series of rotation crops, as some of the land is showing signs of overnitritification. The whole of the fodder crops were supplied to the health officer for the feeding of the health department bullocks.

On an average about 50 men are employed on the farm, principally under one overseer who is a leper. We have 6 buffaloes and bullocks which are used in the working of the Persian wheels and for carting the grass to the health department stables.

During my absence Mr. Hewett, honorary secretary, made several improvements on the farm in the construction of a new road, the pitching of banks, and the leveling of ground. A new well has been dug and put into operation at the northeast end of the farm. No new filters have been constructed, but the old ones have continued to give the wonderfully good results we have always obtained from them, and a careful record is kept of the analyses made weekly by the medical officer of the asylum.

Nearly the whole of the effluent used on the farm comes directly from the septic tank, and the fertility of the farm is a striking example of the necessity of only one purification if the sewage is to be applied to land.

The gas engine continues to work satisfactorily with septic gas. The engine actuates a small centrifugal pump which daily lifts as much of the septic effluent to the filters as is required.

The sewage farm wards continue to be most popular and are always full, and the profits of the farm wholly maintain the 50 lepers located therein.

C. C. JAMES,  
*Executive Engineer Bombay Municipality.*

*Report from Calcutta.*

Passed Assistant Surgeon Sprague reports, April 21, as follows:

For the week ended April 16, 1904, no transactions. In this connection I will state that from April 1, 1903, to October 1, 1903, 14 vessels left this port for America, and that for the following 6 months there were 32 bills of health issued. The usual falling off has now begun. There is 1 vessel now loading for the United States, which

will probably sail this month. There are no others now in port, and unless this year is an exception, of which there is no indication, there will be about 2 ships a month for the medical officer to look after at this port for the next 6 months. Jute forms the largest part of all the cargoes, and the crop for last year is now nearly disposed of, while that for this year is not yet grown.

#### ITALY.

*Report from Naples—Inspection of vessels—International Marine Congress—Smallpox in southern Italy.*

Passed Assistant Surgeon Eager reports, April 25, as follows: During the week ended April 23, 1904, the following ships were inspected at Naples and Palermo:

#### NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.	Number of steerage passengers recommended for rejection.
Apr. 18	Vincenzo Florio.....	New York .....	497	30	955	14
19	Prinz Adalbert.....	do .....	1,068	165	1,138	17
20	Perugia .....	do .....	1,102	150	1,325	20
20	Nord America .....	do .....	923	160	1,420	18
21	Neustria .....	do .....	895	135	1,215	8
22	Regina Elena .....	do .....	544	50	1,115	15
22	Prinzess Irene .....	do .....	1,180	180	2,230	8
23	Citta di Milano .....	do .....	1,303	125	1,230	19
23	Montserrat.....	do .....	383	45	1,110	7

#### PALERMO.

Apr. 19	Vincenzo Florio.....	New York .....	234	75	340	14
21	Manilla .....	New Orleans .....	761	100	850	33

#### *International Marine Congress.*

The fourth congress of the International Marine Association will be held at Lisbon from May 22 to May 28, 1904. In addition to topics to be discussed under the general head of oceanography and hydrography, measures will be considered for the unification of all matters connected with the treatment of vessels in ports, presumably including quarantine. In the programme a separate heading is given to the improvement of ports by the installation of practical appliances for the treatment of vessels. Sailors' charitable associations, the Panama Canal, wireless telegraphy, fisheries, territorial seas, international marine statistics, North Atlantic weather forecasts, and yachting are among the subjects to be discussed.

#### *Smallpox in southern Italy.*

Owing to the large emigration from all parts of southern Italy of persons who are brought in close contact with each other at Naples prior to embarkment, and in view of unofficial reports from various sources of the occurrence of smallpox at different points in the region